

FOLIO

Board of Governors

Fact: The conduct, management, and control of the University and all its property, revenue, business, and affairs are vested in the Board.

Related facts: A proposal to create a MEd degree in Adult and Higher Education was approved by the Board on 9 July. Also approved was a five-year operating and capital costs budget (\$1,674,575, operating; \$42,100, capital) which, all going well, will take root in 1983-84.

The Faculty of Education proposal, which is subject to the provision of funding by the provincial government, would have an inter-departmental program established, one that would provide a formal course of advanced studies for people now active in adult and higher education roles. The examples noted at the Board meeting were instructors, administrators, support staff in post-secondary institutions, and adult educators in non-institutional settings.

There is currently no graduate program in post-secondary education in Alberta although the Faculty has taken steps toward the development of one by offering individual courses. The new program, a major interest of the Faculty since 1977, arises from a consolidation of existing offerings and the development of new courses.

The proposed program will be designed in such a way that students can participate in learning opportunities which dovetail with their academic goals. The program structure will be flexible enough to accommodate a wide range of interests in the scholarly pursuit

of adult and higher education.

The projected student admission is ten students in the first year, fifteen in the second, and twenty in the third. Full-scale operation would revolve around twenty students.

Unclassified Students

President Horowitz informed his fellow Governors that a new category of students, that of "Unclassified Students" is now on the books. Eighty-eight credit courses including fifty-four in Arts will be available to these students who, the President said, will be mainly older people who, for a variety of reasons, elect not to commit themselves to a degree program at this time. No new programs are involved in this ascension to accessibility and neither are quotas since the unclassified students will not be registered in bona fide programs.

A record of the student's work will be kept. Should the individual decide to register in a degree program at a later date, the credits earned as an unclassified student can be used in the program if the course meets the requirements of the particular degree.

Unclassified students are required to pay regular University fees; the deadline for registration is 12 September 1982 and early registration is advised. For more information, telephone 432-5221.

Revised FLEX Policy

The Board approved a number of changes to the Flexible Expenditures Program -- Operating Account (FLEX). (The original policy, approved in 1976, permitted specified carry-over of

year-end balances -- positive or negative -- in non-salary budget accounts. Amendments were necessitated by inflation and changes in the budget structure.) The main changes are separate treatment of Administrative Allowances, special treatment of computing funds, deletions of sections which are no longer required (Conditional Grants), provision for Special Arrangements and a new deadline for Budget Change Requests, and an increase in the limit (from \$50,000 to \$60,000) in recognition of inflation.

With regard to special treatment of computing funds, budget level 44, "soft" computing funds, will be treated separately for FLEX purposes. The maximum positive carry forward into budget level 44 will be limited to \$1,000 or 15 percent of the budget, whichever is greater. Negatives will be carried forward in full into budget level 44.

Budget level 45, "hard" computing funds, will be deleted from the list of ineligible components in schedule 1. Hard computing will now become an integral portion of the regular program. The policy for Special Arrangements is that, under "exceptional circumstances," deviations from the guidelines may be authorized by the Vice-President (Finance and Administration). Requests for such arrangements are to be made in writing to the Vice-President.

Since a Budget Change Request (BCR) is intended for advance approval of expenditure changes, BCR's for the current year will not be accepted after 21 March.

This revised program is to be implemented on 31 March 1983 in relation to the actual financial results for the fiscal year 1982-83.

Faculty Reserves

The Governors overhauled the policy on Faculty Reserves; the revisions will take effect with the 1982-83 fiscal year. As outlined by the Finance Committee, prior to 1975-76 all budget balances (positive or negative) existing at the end of the year reverted to or were charged against general surplus. In March 1976 the Board approved a program to permit limited carry-over of unexpended non-salary funds and over-expenditures into the following year.

Whereas the FLEX program applies to individual departmental budgets, the Faculty Reserve program will pool the salary balances for all budget units within the Faculty.

The new policy will permit a limited carry-over of salary funds in Faculties, the Library, and Student Counselling Services, starting at the end of the 1982-83 fiscal year.

Board Honoraria

The following structure of payments of honoraria to board members is now in effect: A member of the Board, other than the Chairman and the President, shall receive on a quarterly basis \$100 for each regular and special meeting of the Board that he or she has attended and, on an annual basis, \$1,200 for a twelve-month period in recognition of preparation time and participation in standing committee activities. The

Chairman of the Board shall receive \$125 for each regular or special meeting and \$1,500 annually in recognition of "the special demands on the Chair."

The President, by virtue of his status as the Chief Executive Officer of the University, is excluded from the provisions for Board honoraria inasmuch as his salary from the University covers all his responsibilities including those as a Board member.

The Board's Special Projects Committee noted that the rates and procedures for the honoraria are consistent with the findings of a survey of selected Canadian universities, Alberta colleges, and Alberta hospital boards. Honoraria were found to be common in colleges and hospital boards, however only the University of Saskatchewan had an honoraria provision amongst the ten universities that responded to the survey.

The committee emphasized that the honoraria should not be regarded as payment for services rendered, but rather as a nominal "token" reimbursement.

Applied Sciences in Medicine Appointment

Donald Fenna has been appointed Chairman of the Department of

Applied Sciences in Medicine for a five-year term effective 1 July 1982.

A native of Cleveland, England, Dr. Fenna received his education at the University of Manchester, obtaining his bachelor's and doctoral degrees.

Upon graduation, he worked for the federal government of Australia, first with missile mathematics associated with Woomera rocket range, then with defence administration, and finally with the Government Telecommunications Authority as an Assistant Deputy Minister. All of this work involved computers, beginning with one of the earliest produced commercially.

Dr. Fenna joined the University and University of Alberta Hospital in 1968 as a Professor and Coordinator of the computer application for the composite health sciences area; automation of the planned new hospital was his major assignment. Dr. Fenna designs highly integrated systems for managerial, operational, and legal information requirements of hospitals and similar institutions.

During 1975-76 Dr. Fenna was a National Health and Welfare Visiting Scientist at the Karolinska Institute in Stockholm and in 1982 he was a Distinguished Visitor at the University of Cape Town, South Africa, and consultant to Groote Schuur Hospital.

Dr. Fenna succeeds Thomas Overton who will return to his research activities.

Grant to Students' Union

The Board OK'd a grant of \$75,000 to the Students' Union to assist with the operation of a number of its services and organizations.

The grant, for the 1982-83 academic year, is made annually by the Board following a request from the Union. It will aid in the operation of such entities as Students' Orientation Services, Housing Registry, Exam Registry, Student Help, Students' Union Theatre, CJSR, and *The Gateway*.

The money allocated is a single grant to be used at the discretion of the Students' Union executive in the aforementioned areas. This

procedure is in contrast to previous years, when the Board has granted approval of specific amounts for specific services and operations.

Tennis Court Complex

Construction of The University of Alberta Tennis Centre is underway thanks to the Governors' approval of the spending of up to \$1,075,000 for design and construction.

The centre, located on previously vacant land adjacent to the Michener Park married students quarters, will boast nine tennis courts including one centre court with temporary seating for about 2,000 spectators and a changing facility.

It is expected that the tennis courts will be completed by September 1982, while the remaining work is estimated to be finished by the spring of 1983.

The tennis centre is being constructed to meet the long-term needs of the University for more tennis courts benefitting not only the academic programs of the Faculty of Physical Education and Recreation, but also campus

recreational programs, the Michener park student population, the community of tennis enthusiasts, and the community at large. And, of course, the facility will be used during the 1983 World University Games.

The contract for the construction of the Tennis Centre has been awarded to Wells Construction Ltd.

John Scott Library

A motion from the Building Committee that the main Health Sciences Library in the Mackenzie Health Sciences Centre (Stage 3 of Phase 1) be named the John Scott Library in honor of the late J.W. Scott was endorsed.

The medical library at the University Hospital is called the John Scott Library but it will cease to exist when the Health Sciences Library is completed.

Dr. Scott is a former Dean of the Faculty of Medicine.

The next meeting of the Board of Governors is scheduled for 3 September. □

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Task Force on Computers in School Meets

The Ministerial Task Force on Computers in Schools held its first meeting on 12 July. The task force, formed by Education Minister David King, is expected to complete its work and report to the Minister by 31 March 1983.

The task force's mandate is to advise the Minister on policies, programs, services, and other matters related to computers in schools. One of its primary responsibilities will be to make recommendations to the Minister on a desirable level of computer use in Alberta schools within three to five years.

The Minister appointed the following people to the task force: Max Lindstrand, Camrose, representing the Alberta Teachers' Association; Alvin Gross, Barrhead, representing the Alberta School Trustees' Association; P.H. Naidoo, Spirit

River, representing the Conference of Alberta School Superintendents; H.J. Hallworth, Calgary, for the Alberta Society for Computers in Education and the Association for Educational Data Systems; George Bevan and Jim Thiessen, representing Alberta Education; John Travers for Alberta Advanced Education and Manpower; Darwin Heinemann, Edmonton, representing the Canadian Information Processing Society; Alison Vaness, Calgary, for the Curriculum Policies Committee; and Bev Brooker, Edmonton, and Caroline Brown, Calgary, representing the community at large.

The task force's Chairman is E.W. Romaniuk of The University of Alberta; the Vice-Chairman is Jim Humphries of Grant MacEwan Community College. □

Elizabeth Smart New Writer-in-Residence

The Writer-in-Residence for 1982-83, sponsored by the Department of English, is Elizabeth Smart. Born in Ottawa in 1913, she has lived in Suffolk, England, for the past fifteen years and has wanted to return to Canada to write a book about her Canadian childhood. Elizabeth Smart has an international reputation based upon her novels *By Grand Central Station I Sat Down and Wept* (1945) and *The Assumption of the Rogues and Rascals* (1978), both of which have become underground classics. In addition to extensive journalistic work, she has also published a volume of verse, *A Bonus*. Patrick Lane, Writer-in-Residence at this University in 1981-82, describes her work so: "Both books are written in lyrical prose and both reflect this century's obsession with returning prose to the formal ideas of poetry. In a sense they are epic poems. The first book, *By Grand Central Station I Sat Down and Wept*, is the finest novel written by a Canadian since the Second World War. The only other which comes close to it is Sheila Watson's *Double Hook*. *By Grand Central Station* is a novel of quest both for identity and love and is one of the first novels which deals with a 'women's' quest rather than the classic male's. For this reason alone it stands out as a major work. Its success lies in the brilliance of the style and the clarity of the language. The prose is pared down to an absolute simplicity and yet it contains profundity beyond measure. It is a book of idealism and hope that finds its realization in the poignant moment of despair when the heroine finds herself without a passport in a small American town whose police accuse her of being with her lover without a marriage certificate. The hell of the persecution and her lover's inability to protect her leave her in despair. It is an almost perfect novel without a flaw or failure in any line.

The second novel, *The*

Assumption of the Rogues and Rascals, follows the first one twenty years later. It too is a lyrical novel and epic in form. The wisdom in this second book is profound and a revelation of women's consciousness. It deals with motherhood and aging, bitterness and hope. If the first novel is that of a young woman coming to her own knowledge of hell, the second is one of a woman who understands the nature of death and the penalties a human must pay for being alive. It is powerful, full of wisdom, knowledge and insight and, I believe, a greater novel than the first. Elizabeth Smart has only written two slim volumes of prose, with the exception of a small collection of verse, but

these two novels are major works in English and are critically accepted throughout the world."

Besides the Department of English, sponsors for Miss Smart's visit are The Canada Council, Alberta Culture, The University of Alberta Alma Mater Fund, and the Clifford E. Lee Foundation, to all of whom the Department of English extends its warm thanks.

Sara Stambaugh, Chairman of the Writer-in-Residence Committee, says that those interested in the Writer-in-Residence Program should know that its existence is precarious. In previous years it has sponsored Matt Cohen, Gary Geddes, Marian Engel, Tom Wayman, Maria Campbell, Phyllis Webb,

and Patrick Lane. All have given readings open to the city and evaluated manuscripts sent from all parts of the province (sometimes beyond). Hope of making the program permanent depends upon whether an endowment fund can be established through the University's fund raising efforts.

Elizabeth Smart expects to arrive in Edmonton by 1 September. Until she is settled, interviews can be arranged through Dr. Sara Stambaugh, Chairman, Writer-in-Residence Committee, Department of English, telephone 432-5192 or 435-0638. □

Academic Community Comments on New Funding Strategy

The announcement of increased government funding for the Social Sciences and Humanities Research Council (SSHRC) in January 1982 has provoked considerable controversy within the academic community. In particular, the University of Toronto Caucus on Research and the Canadian Historical Association expressed concern over possible "adverse consequences" of the Council's new emphasis on Canadian studies and strategic themes. Recently, however, the Council was pleased to find its programs and funding strategy defended in an article by John Trent, Executive Director of the Social Science Federation of Canada, in the March 1982 edition of *Social Sciences in Canada*, the bulletin of the Federation, and in a speech to the Association for Canadian Studies at Concordia University in March by the President of the Association, James E. Page.

Both Trent and Page point out that because of the government's

"envelope" budgetary system which forces SSHRC to compete with other departments and agencies for a set number of dollars, some measure of compromise with the government's interests is inevitable. Nor is this situation peculiar to the social sciences and humanities: "...scientists have learned to base their pleas for research support on hopes for heart and cancer cures rather than on urology," notes Trent. The Council's tactics have served to make the government more aware of research needs in the social sciences and humanities. Trent calls Canadian studies "a foot in the door to attract attention to our capacities and our broader needs."

Page is quick to point out that the new program "does not divert money from other topics to Canadian ones. What the program does is to provide much needed encouragement and support for Canadian studies in the social sciences and humanities." Just how important

is it to support Canadian studies? Trent notes that "many universities, because of budget cutbacks in the 1970s, have not been able to implement the Canadian studies proposals put forth by their faculty members." Page cites problems in the infrastructure of Canadian studies, especially in Canadian archival science (the "foundation of Canadian studies," according to the Symons report), and "the gradual collapse of indigenous Canadian textbook publishing and growing reliance on foreign materials." He finds it ironic that Canadian academics begrudge money spent on Canadian studies at a time when Canadian studies are attracting great interest abroad.

The strategic grants program, which supports research in such topics as population aging, the family and the socialization of children, and the human context of science and technology, Trent sees as preferable to government-supervised contract research, as peer review and scholarly

exchange are maintained, while the contacts between the academics (research producers) and the public (users) are strengthened.

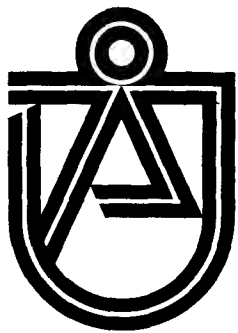
No compromise can completely satisfy both sides. Nevertheless, Trent and Page do draw attention to benefits that the academic community may have overlooked. As Trent puts it: "In balance, it will do more good than harm and certainly more good than its critics admit."*□

*The above article was first published in SSHRC's *Council Update* (June 1982).

Goldweights at Glenbow

People who plan to visit Calgary might wish to keep the exhibition "Equal Measure for Kings and Commoners" in mind. Tiny, intricate brass figures used to weigh gold in the Ashanti area of the African "Gold Coast" are on display at the Glenbow Museum until 28 November 1982. Andre Nitecki, Professor of Library Science, University of Alberta, and Associate Curator of the Museum, has prepared a catalogue to accompany the exhibition.

The 285 Ashanti weights exhibited date from the late 18th Century to the 20th Century.□



**Program
Information
432-2325**

page four, Folio, 22 July 1982

Memoirs of a Vulgarizer

In the fall of 1975, it became apparent that Canadian science was heading into stormy waters. The government's policy of attrition, visible in 1969 (particularly to scientists funded by the National Research Council), had reached the point where even the Medical Research Council was obliged to cancel one of its grants competitions (Spring 1976) and to cut back sharply on many programs, especially support of young scientists on their first faculty appointments. Indeed, some of those unable to receive funding were newly appointed MRC scholars!

Several Members of Parliament on both sides of the House, expressed the view that the strangulation of science had aroused but little public outcry owing to the preference of the scientific community for anonymity and silence. Without doubt most scientists have, at least until recently, seen little need for communication with the general public, despite the fact that the latter finance our research through their taxes.

As a result of the crisis in government and university science, several scientists, including myself, agreed to appear in the electronic media and to communicate the results of the scientific enterprise to the public, especially those aspects likely to affect people directly. David Suzuki had, of course, been doing this for some time with great success.*

My debut as what it is now fashionable to call a communicator had begun in Halifax. During the summers of 1960 and 1961, I organized and animated a series of highly controversial public affairs TV programs under the catchy title "Crossfire." (The title was stolen about fifteen years later by a competing network for a soap opera about gangsters.) These prime time programs (8:00 to 8:30 on Friday evening) were the summer replacement for a popular local CBC public affairs show. A few programs were devoted to subjects with a high

scientific and technological content, such as the spread and the effects of atmospheric testing of nuclear weapons. Some were, I think, quite far ahead of their time, for example, one on the position of women in Canadian society. A tape of this program would make interesting viewing twenty years later.

Following a leave of absence from Dalhousie University, during which I had worked and/or visited in England, France and the Soviet Union, I also contributed a series of six radio broadcasts, "Glimpses of the Outside World," for the local Halifax CBC station. Science was involved in, but not central to, these broadcasts.

This experience, while helpful, did not prepare me for the kind of scientific popularization, or vulgarization as the French call it, that I began in September 1976. I agreed to appear weekly (Thursdays) on a five-minute, pre-recorded science interview for the CBC radio program "As it Happens;" Barbara Frum questioned Isaac Asimov and me (on a telephone hook-up) on a current scientific news story, such as the aftermath of the Seveso disaster, solar space stations, planetary exploration and so forth. This continued until December of that year.

My most recent radio experience began in early 1978 on the local Ottawa CBC radio station on the early morning talk and interview show. I was interviewed (live in the studio) after the 8 o'clock news about some newsworthy event or anniversary (such as the centenary of the birth of Albert Einstein or the 25th anniversary of the Watson-Crick paper); these interviews took place weekly and lasted for about four and a half minutes. This series was dropped in August 1979. Among the subjects treated were various items about genetic engineering (such as the cloning of DNA from mammalian cancer viruses), relativistic physics, (e.g., the changing periodicity of a binary pulsar due presumably to loss of

gravitational energy), atomic clocks, a new process for photochemical oxidation of water to yield hydrogen for fuel, continental drift, methane-producing bacteria and the sociology and politics of science. Quite a range of subjects, indeed. All in a four and a half minute quantum on a Monday morning.

Early in 1979, I began a series of weekly television science spots, dealing with interesting research in engineering and science taking place in the Ottawa area; this show was directed mainly at housewives and stay-at-homes who watched the local independent television station, CJOH. After two years, I was replaced by John Kucharczyk who continues to do a popular weekly science column.

My brief career as a communicator caused me a number of headaches. The first can be a problem only for the "vulgarizer" who remains an active scientist. A practicing scientist will feel twinges of guilt when dealing with a subject well outside of his or her sphere of professional competence, and will be constantly tempted to draw attention to his or her presumption. You can get away with an apology for intrusion into someone else's territory only a few times. One producer pointed out rather forcefully that I was casting doubt on the accuracy of what I was saying; if I felt excuses were absolutely necessary I should deal with subjects with which I felt more at home. Yet plainly I knew considerably more about, and had a better background to appreciate and explain, most of these subjects than would your average scientific journalist who, nevertheless, would feel free to plunge into any of these areas without compunction - *sans peur et sans reproche*.

This is not all; the problem has Heisenbergian overtones. When dealing with areas clearly *within* my sphere of competence, I saw grey areas, ambiguities and uncertainties. I could not bring myself to answer questions with a

simple yes or no. When discussing sensational results recently announced in the press, say a dramatic reduction in deaths due to certain cancers after treatment with interferon, Joe and Jane Public don't like to hear self-appointed science experts hedge their replies with phrases like "if these results can be repeated by others," "it is not clear that the experiment was properly controlled" "this conclusion may not be justified by the experimental results," etc. When discussing a fascinating experiment I had come across in the scientific literature my interlocutor almost always wished to push beyond the results to bring out any implications, however remote, for human health, industrial application, and so on.

The scientist clearly sees the pitfalls in making such connections without surrounding them with cautionary phrases, but these spoil the dramatic impact. On occasion, this is made even more difficult in an interview with a journalist who simply doesn't wish to hear or to be told about possible errors of interpretation. Alas, not all science journalists are like Joan Hollobon, Margaret Munro and a few others; that is, capable of catching on quickly and seeing at what point it becomes dangerous to stretch the interpretation and possible consequences of a particular datum.

The medium that I found most rewarding was radio, especially those morning spots. Every broadcast resulted in at least a few telephone calls from people who wanted more information, from specialists in the field who had spotted an error or an ambiguity in something I had said, from high school science teachers who invited me to their schools to discuss a subject that appealed to some of their students, or from the students themselves. Yet with radio, many topics were simply not suited to the four-minute quantum or required too much background information before they could be understood.

Television has fewer such limitations for one can use

pictures or demonstrations and one usually has more time. Television presents problems of its own; leaving aside the most obvious one, the relentless drive to trivialize. Many of the problems are due, not to limitations of the medium, but of the producers. These people seem to work on the assumption that their audiences consist generally of morons who will be bored out of their skins by more than seven or eight minutes on any one subject and who must be spoken to in words of one syllable.

Some producers are totally confused about their aims. Recently I prepared a rather detailed outline of a TV series devoted to cell biology and biochemistry that was to be used in connection with, and as part of, a university-level extension course. The producer was anxious that the broadcast be aimed at and accessible to the ordinary prime-time viewer (probably the one described immediately above). He was unaware of the incompatibility between these two goals; no university-level course worthy of the name can double as a popular program. The former demands a serious and continuing intellectual effort on the part of the audience, an effort that by definition cannot be asked of the audience at which popular programs are aimed.

A possible source of embarrassment stems from what might happen to a scientist's modest contribution to a radio or TV show once it has been taped for subsequent presentation. Even without doctoring a taped interview, it may be made to seem ridiculous by the way in which the tape is "edited," that is spliced and rejoined to other segments. One may appear to be engaged in a discussion or argument with someone of whom one has never heard. On the sole occasion upon which I was able to catch myself on "As it Happens," I heard myself answer a question that I had not been asked during the taped interview. The producer had cut and spliced the tape after the fact. The result was not too awful, but certainly illustrates the dangers to be faced.

One of the worst examples occurred some years ago on a CBC program dealing with cancer research. The contributions of serious scientific workers, such as several colleagues from the Ontario Cancer Institute, were spliced into segments dealing with laetrile and the supposed conspiracy of the medical profession to prevent cancer patients from having access to it.

The problem of juxtaposition of science and pseudo-science on television also exists in France. In September 1980 *Le Monde* carried two indignant articles on this subject by Francois Jacob, the biologist, and Jean-Claude Pecker, the astro-physicist. Embarrassment of this kind knows no national boundaries. Incidentally, I am not against programs debunking science and giving sympathetic treatment to laetrile, quack medicine, unidentified flying objects, and Worlds in Collision. But I do object to the inclusion of this material in programs dealing with serious science. Scientists in fields such as health, environment and energy should be aware of these dangers before they agree to take part.

Notwithstanding such unhappy experiences, I would urge other scientists to involve themselves in activities of this sort, particularly in radio and TV science "spots" in popular local programs. By and large, I had great fun (I refrain from mentioning my five minutes on the Dow's Lake Monster that attracted considerable serious comment when broadcast on 1 April 1977; the date was no deterrent to those who wished to believe) and probably did some good.**□

*It is of some interest that Suzuki's efforts in this domain, although obviously of great importance to the Canadian public's comprehension and appreciation of science and technology, were not always so sympathetically comprehended and appreciated by certain of his colleagues at the University of British Columbia; this is one of the non-trivial perils of the popularizer.

**This article was written by Gordin Kaplan, Vice-President (Research) and appeared originally in *AGENDA*, a publication of the Science Council of Canada.

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Other specifications: half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary. There is a charge of 30c per word for typesetting, and \$7.50 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 1 January 1981. For more information please telephone 432-2325 and ask about Folio display advertising or write to:

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Native Peoples Garden Opened

On Friday, 9 July, in the beautiful setting that is The University of Alberta Devonian Botanic Garden, the sun shone on the ceremony opening the Native Peoples Garden.

The garden will be home to a variety of plants which are prized for their medicinal and nutritional value. The development of the garden was made possible through a grant from Imperial Oil Ltd., and funding from the Devonian Group of Charitable Foundations. These grants were matched by Alberta Advanced Education and Manpower. Pat Seymour, Director of the Garden, got the festivities underway with his opening address to welcome the visitors whose number included President and Mrs. Horowitz, members of the Board of Governors and Senate, and The Honourable Ralph G. Steinhauer, former Lieutenant Governor of Alberta.

Mr. Seymour spoke of the garden's beginnings. It was landscaped on ground that, only a few years ago, was underwater. To correct this, the sloughs were deepened and the ground was raised. Mr. Seymour expressed his appreciation for the work of Butler Krebs Associates Ltd., architects of the garden. He also thanked Anne Anderson who researched and recorded information on the traditional use of herbs. Dr. Anderson is also responsible for the Cree symbols on the plant identification signs, which are shown in Latin and English as well. The fine drawings on display throughout The Native Peoples Garden are the work of John Maywood, a new staff member. For their tireless efforts, Mr. Seymour thanked the staff, who gave of their time right up to the last minute, when they had to pull weeds which sprang up after heavy rain just prior to the opening.

Mr. Seymour drew attention to the bridge leading to the garden, which he saw as being symbolic of bridging the gap between the

indigenous peoples and their fellow Canadians.

He then introduced Dr. Horowitz, who congratulated Mr. Seymour and his staff on their endeavors. He was pleased that, with so much concrete construction taking place on campus, 190 acres of University property were devoted to the development and maintenance of the gardens, and expressed the hope that members of the community would take the opportunity to visit The Native Peoples Garden and its surroundings.

Following Dr. Horowitz, Mr. Steinhauer greeted the gathering, saying that, being an Indian himself, it gave him special pleasure to declare the Native Peoples Garden open. After cutting the ribbon he was presented with the clippers as a souvenir of the happy occasion.

In conclusion, Mr. Seymour invited those present to view the new garden and partake of the refreshments provided.

The Native Peoples Garden is unique and beautifully kept, and, due to the hard work of the ever courteous staff, its opening was a great success.

The Devonian Botanic Garden, located on Highway 60, about 4.8 kilometres north of Devon, is open to the public free of charge from May to September. The hours are 10 a.m. to 4 p.m. weekdays, and noon to 6 p.m. weekends and holidays.

Telephone 987-3054. □

publications

Krotki, Karol J. (Sociology): "North Africa and Southwest Asia: Regional Survey," *International Encyclopedia of Population*, vol. II, pp. 476-486. New York and London: Macmillan, 1982.



Anne Anderson at the entrance to The University of Alberta Devonian Botanic Garden's newest garden.

people

The 1981-82 Western Canada Art Association's Publications Awards in the category of "Invitations" was awarded to the Ring House Gallery in recognition of excellence in the design of "the MacEachran Collection: Oriental Drawings." Design work was done by Hannah Aaron (Community Relations).

At the 29th Annual Campus Safety Conference, North America, held at Yale University last month, Wendy Kinsey (Safety Coordinator) presented a paper on "Development and Implementation of an Asbestos Awareness and Management and Surveillance Program."

L.A. Kosinski (Geography) presented a paper on immigration from East Central Europe to Canada during the meeting of the Canadian Association of Slavists at the Learned Societies Conference in Ottawa. He was subsequently invited to prepare a

brief broadcast on the subject for Radio Canada International.

The Polish Culture Society of Edmonton has reinstated prizes for students of Polish language and literature. For 1981-82 the winners are: Ewa Cyganek for Polish 100, Greta Sawicki for Polish 303-304, Grace Pirogowicz for Polish 411-412. Robert L. Busch (Slavic and East European Studies) distributed the awards (\$200 and a framable diploma) during a ceremony in the Polish Hall.

Juliet McMaster (English) delivered a paper on "Trollope's Love Stories" at the Trollope Centenary Conference, held at University College, London University, in June. R.D. McMaster (English) delivered a paper in a panel on Trollope and the Law at the Trollope Centenary Conference at London University in June. His topic was "Mr. Chaffanbrass for the Defence: Trollope and the Old Bailey Tradition."

Effective 26 July 1982 Robert White will assume the position of Director of Occupational Health and Safety, a new department in

the organization of the Vice-President (Facilities and Services).

Mr. White has had considerable experience in several of the fields of Occupational Health and Safety. Most recently he has been developing and administering the Departmental Occupational Health and Safety program for the Alberta Department of Environment. Prior to that, in his career with the Canadian Armed Forces, he was involved in a variety of safety programs including general occupational health and safety, fire safety, nuclear and biological safety.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events Exhibitions

Ring House Gallery

Until 3 October "O! Osiris, Live Forever!" An exhibition on the scientific investigation of mummification. The exhibit is jointly organized by University Collections and Manchester University Museum, England.

Special Collections

Until 1 October: "Pulps, Paperbacks and Popular Fiction." A visual history of the mass marketing of literature from Dickens to Lawrence using pictorial covers, dust jackets, and other material from Special Collections.

Non-Credit Courses

Devonian Botanic Garden

Mushroom Hunting for Beginners

Date: 24 or 31 July. Fee: \$20. Indulge yourself in a day's trek to identify and gather local mushrooms. Sample dishes prepared using the edible varieties.

Faculty of Extension

English as a Second Language

Date: Until 25 August. Fee: \$65. For further information, contact Ruth Pearce or Cecile Ochman at 432-2497 or 432-3036.

Computing Services

Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the

following non-credit courses. For further information, please telephone Information Services at 432-2463, or come to 352 General Services Building.

MTS Overview

Course number: 710. Date: 27 and 29 July. Time: 10 a.m. to 12 noon Fee: \$10. Prerequisites: "MTS and Editor Fundamentals." Place: 328/357 GSB or 328/749A GSB.

Introduction to BMDP Control Language

Course number: 743. Date: 27 July. Time: 2 to 4 p.m. Fee: \$5. Prerequisites: The "Data Preparation for Statistical Packages" seminar is recommended. "Introduction to Computing" or a knowledge of MTS is required. Place: 328/351 GSB.

Introduction to SPIRES

Course number: 737. Date: 16 August. Time: 1 to 4 p.m. Fee: \$5. Prerequisites: "MTS and Editor Fundamentals" and a good working knowledge of file editing and terminal use. Place: 328/351 GSB.

SPIRES

Course number: 739. Date: 17, 19, 23, 25, 27 August. Time: 1 to 4:30 p.m. Fee: \$20. Prerequisites: "Introduction to SPIRES." Place: 328/357 GSB.

Introduction to Plotting

Course number: 757. Date: 23 and 26 August. Time: 9 to 11 a.m. and 1 to 4 p.m. respectively. Fee: \$20. Prerequisites: FORTRAN, basic MTS and Editor commands. Place: 328/351 GSB.

Scholarships, Fellowships and Awards

Sandra Garvie Memorial Fund (SGMF)

Guidelines for Applicants

The Sandra Garvie Memorial Fund is inviting applications for its introductory award. The Fund was created in honor of the late Sandra Garvie, librarian (1976-79) of the Legal Resource Centre, with the purpose of providing funding to any individual wishing to pursue a course of study or research relating to the library or information aspects of public legal education.

Value: Up to \$500 (subject to annual review). Number: At the discretion of Board of Directors. Frequency: Annual. Purpose: To provide funding to any individual wishing to pursue a course of study or research relating to the library or information aspects of public legal education. Conditions: 1) Applicants must be Canadian citizens or landed immigrants. 2) Awards will be based upon financial need and suitability of the proposed course of study or research. 3) Applicants may consider the SGMF as a source of funds for a portion of a larger project for which the applicant has applied or received funding from other sources. 4) Awards will not normally be applicable to capital expenditures. 5) Awards for a course

of study will normally be tenable at any post-secondary institution in Canada recognized by the Board as suitable for the pursuit of the proposed study. 6) Awards for research will normally be contingent upon the work being carried out in Canada. 7) No awards will be granted if no suitable candidates apply. 8) All decisions concerning the granting of awards will be at the total discretion of the Board of Directors. Donor: From a trust fund created in honor of the late Sandra Garvie. Apply: Applicants are requested to submit a proposal, including a proposed budget, by 30 September 1982 to: Sandra Garvie Memorial Fund, c/o Legal Resource Centre, 10049 81 Ave., Edmonton, Alberta, T6E 1W7

George Drew Memorial Trust Fund, Commonwealth Foundation

Travel Bursaries

CUSO, agents for the Commonwealth Foundation's Trustees, invites proposals from applicants who are Canadian citizens under thirty-five years of age. Four bursaries, each with a value of approximately \$3,500, are likely to be awarded annually to support study tours of up to three months to Third World Commonwealth Countries. Successful applicants may, however, be requested to meet a small portion of the cost of the visit.

Proposals should describe the intended study project fully, including objectives, an operational plan, and follow-up work in Canada including an assessment of its intended longer term impact. A budget should describe the cost of each component (travel, materials, accommodation, etc.) Information should also be included on the nature of the development work currently being done by the applicant and the reasons as to why the bursary is being sought, along with a curriculum vitae.

Proposals should be sent to: Sharon Carpelung, Director, Public Affairs, CUSO, 151 Slater Street, Ottawa, Ontario K1P 5H5. Proposals should be mailed by 31 August 1982, and earlier if possible.

Notices

World University Games

The Universiade '83 Edmonton Corporation is very pleased with the responses they have been receiving from people offering to volunteer for the 1983 World University Games. Nevertheless, many more volunteers are needed as the Games are less than one year away.

For any staff member wishing to volunteer in any way, applications may be obtained by writing to the Corporation, P.O. Box 1983, Edmonton, Alberta, T5J 5J5; by picking one up at the office located at 10125 - 97 Avenue, Edmonton; or by phoning 422-1983.

Bruce Peel to Retire

Bruce Peel, Librarian to the University, will retire this fall after thirty-one years of service. Mr. Peel will be honored at an informal reception in the Upper Lounge of the Faculty Club on Tuesday, 17 August from 3 to 6 p.m.

Staff, friends, and acquaintances are invited to join him on this occasion and to wish him well on his retirement.

Anyone wishing to contribute toward a retirement gift may do so by sending a cheque made payable to the Bruce Peel Retirement Fund addressed to: Mrs. Shirley Meyer, 5-12 Cameron Library.

Jean Jaunt

The Provincial Museum of Alberta is planning a travelling exhibition on the history of blue jean making in Alberta and GWG Company.

If you have blue jeans, jackets, World War II military uniforms or other clothing manufactured by the GWG Company prior to 1972, Museum personnel would like to talk to you.

Please contact Sandra Morton, Curator of Social History at the Provincial Museum of Alberta, telephone 427-1743, if you are willing to donate, loan, or sell any article.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

1 - CT 1310 13-inch Panasonic Video Monitor. For further information, please contact R. Walley, Department of Psychology, 432-3963.

Positions Vacant

The University is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Director, Community Relations

This senior position demands a seasoned professional with well-recognized creative talents and proven management skills. The challenge is broad: create, develop and coordinate programs that communicate the University's mission within the University, and with the community. The resources are considerable: reporting to a Vice-President the appointed person will supervise a staff of 13, supported by diversified design and production facilities.

Required is university graduation, success in managing public relations programs, exemplary communication abilities, and polished supervisory and interpersonal skills. Preferred candidates will have in-depth familiarity with a university setting. Rewards include an attractive salary and benefits package; the opportunity to work in an interesting, creative environment; and a secure future with a respected employer. To explore this exciting position further, please write to Larry Pelensky with pertinent highlights of your background along with a detailed resume A.W. Fraser & Associates, 11207-103 Avenue, Edmonton, Alberta, T5K 2V9. Phone (403) 428-8578.

Administrative and Professional Officer

The Department of English, one of the largest in The University of Alberta, invites applications from suitably qualified women and men for the position of Administrative and Professional Officer (APO) to commence 1 September 1982. Applications will be accepted until the position is filled.

The APO reports directly to the Chairman, and is responsible for the administrative management of the Department (including supervision of all non-academic staff), the preparation and monitoring of budgets (operating, capital, and trust), timetabling, student registration, the compiling of statistics, and otherwise assisting the Chairman and Associate Chairman in all matters conducive to the efficiency and harmony of the Department. The APO is, as well, the secretary, and an *ex officio* member, of the Chairman's Advisory Council; liaison with the Office of the Dean of Arts and with other departments is also an important activity.

The position calls for someone with intelligence, tact, and initiative, thoroughly literate, and capable of working authoritatively with a considerable variety of people, academic and non-academic staff, and students, as well as carrying out the responsibilities of the position.

The current salary range is \$24,419-\$36,635 per annum.

Apply in writing, giving full details of education, training, and experience, to: Professor D.A. Jackel, Chairman, Department of English, The University of Alberta, Edmonton, Alberta T6G 2E5.

Non-Academic Positions

To obtain further information on the following positions, please contact *Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Please do not contact the department directly. As positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 16 July 1982.*

Clerk Steno II (\$1,106-\$1,324) — Forest Science
Clerk Typist II (\$1,106-\$1,324) — Romance Languages, Personnel Services and Staff Relations
Data Entry Operator I (\$1,185-\$1,426) — Computing Services
Library Assistant I (\$1,232-\$1,487) — Extension
Clerk Steno III (\$1,232-\$1,487) — Institute of Law Research and Reform, Extension
Mailroom Clerk II (\$1,274-\$1,548) — Scheduled Distribution
Dental Assistant II (Trust) (\$1,324-\$1,616) — Mobile Dental Clinic, Dentistry
Secretary (\$1,373-\$1,682) — Introductory Biology Program, Nursing
Administrative Clerk (\$1,373-\$1,682) — Engineering Placement Office
Library Assistant II (\$1,373-\$1,682) — Rural Economy

page eight, Folio, 22 July 1982

Computer Assistant (\$1,106 - \$1,324) — Computing Services
Food Service Worker III (\$1,324-\$1,616) — Housing and Food Services
Food Service Worker IV (\$1,426-\$1,754) — Housing and Food Services
Technician I (\$1,426-\$1,754) — Genetics
Technician I (Trust) (\$1,426-\$1,754) — Pharmacology
Maintenance Worker I (\$1,487-\$1,829) — Physical Plant (Building Services)
Biology Technician II (\$1,616-\$1,992) — Genetics
Biochemistry Technologist I/II (Trust) (\$1,616-\$2,265) — Biochemistry
Laboratory Technologist I (\$1,754-\$2,171) — Provincial Laboratory Technologist II (\$1,829-\$2,265) — Physical Education and Recreation
Biochemistry Technologist II (Trust) (\$1,829-\$2,265) — Pediatrics
Biology Technologist II (\$1,829-\$2,265) — Forest Science
Nurse (\$1,829-\$2,265) — University Health Service
Programmer/Analyst II (\$2,078-\$2,581) — Office of Administrative Systems (Customer Support)
Nurse Practitioner (\$2,368-\$2,951) — Pediatrics
Programmer/Analyst III (Trust) (\$2,472-\$3,085) — Computing Science
Instrument Mechanic (\$2,733) — Physical Plant
Contracts Supervisor (\$2,581-\$3,229) — Physical Plant (Projects)

The following is a list of currently available positions in The University of Alberta Libraries. The bulletin board in Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.

Library Assistant II (\$1,373-\$1,682) — Cataloguing, Law Library

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.

Accommodations available

Large mortgage, University area. 1,350 sq. ft. home, double garage, large lot. \$87,000 at 15½%, 2 years remaining. Asking \$127,000. No agents. 436-7425 after 6 p.m.
For sale — Excellent three bedroom home \$77,900. Near French school 9040-91 Street. Early possession, Pat Anderson Royal Trust 435-4869, 481-2284.

For sale — Garneau, by owner, 2 bedroom bungalow, with den. Approximately 1,100 sq. ft., hardwood floor, two gas fireplaces, excellent condition. 437-2187 after 6 p.m.
For rent — 2 bedroom bungalow in Parkallen. No pets. \$650. 835-5297.
For rent — 1 August. 3 bedroom duplex unfurnished, \$700. 5 blocks to University. 465-1084.
For sale — Parkview bungalow, over 1,300 sq. ft. main floor. Features fireplace, developed basement, double garage and fenced yard. Price \$115,000. Regina Machinsky, Royal Trust, 465-5163; 435-4869.
Two blocks university — 5 year-old large 6 bedroom maintenance free home. Two furnaces, 3 car pad, fenced, deck. Quarry tile, parquet, carpet, school across. Easy revenue 10953 86 Ave. 433-9670.

For rent — 15 August - 1 September. Three bedroom duplex. Three minutes from downtown. Ten minutes from University. 100 yards from Mill Creek Ravine. \$600/month. Phone 469-9347.
For sale — Three bedroom house, Millwoods, 20 minutes to University. Backyard on green belt. 14¼% mortgage — 4 years. 439-5343 evenings.

Christian family have apartment for rent in private home. Three large rooms, fireplace, kitchenette, shower and two piece bathroom, separate entrance. 434-6022 evenings.

Large, well furnished two bedroom apartment available September-June. Elevator, excellent location, bus service, parking. 434-2274 evenings.

West End Bargain — Three bedroom bungalow, developed basement with bath, sauna and bar. Double heated garage, appliances, drapes. \$82,450. Phone 484-3282.

For rent — Furnished/unfurnished main floor, bright two bedroom bungalow, east Parkallen — walk to University. References required. 439-7718 evenings.

To sublet — One bedroom apartment, fully furnished, in College Plaza, for approx. one year commencing mid-August, while occupant on Quebec teacher exchange. Call David Watts, 439-1811.

For rent — Three bedroom partially furnished sabbatical home (Lendrum), 4 appliances, \$550 plus utilities, damage deposit, no pets, available 1 Sept. 1982 to 31 Aug. 1983. 436-2047 days or 434-7043.

Accommodations wanted

Visiting professor requires 3 bedroom furnished accommodation. 1 Sept. to 15 Dec. 1982. Call 432-5126 or 435-5595.
Professional couple would like to rent an executive house on the Southside. References available. Call 437-1845.
Visiting professor wishes to rent 4 or 5 bedroom home (probably furnished) for one year beginning 1 August 1982. Dr. Ahmad. (613) 584-3311 Ext. 2498.

Accommodation in the Windsor Park /University area for a non-smoking quiet and mature individual. Will consider suites in private homes as well as apartments. Please call 433-5655 after 5 p.m.
Going on sabbatical and need a housesitter/renter? Excellent with pets, plants. References. 436-2718.
Visiting Professor (UK) requires furnished three bedroom home (three small children) for one-year lease. 1 Oct. 1982 - 30 Sept. 1983. Please contact Dr. T.R. Overton, 432-6344, Applied Sciences in Medicine.
Sedate non-smoking woodsman/writer, 50, seeks accommodation near University and downtown. Would also consider lease with option to purchase. Box 396, Fort Vermilion. 1-927-3598.

Automobiles and others

Grad student looking for inexpensive sports car that needs body work - rust or collision (eg. Datsun 240Z/260Z; Spyder, Porsche 914 et al.). Phone Mike at 436-3407 and leave message.
1978 Ford 3/4 T. Excellent 55,000 miles. Must sell. \$3,500 O.B.O. 434-1209.

Goods for sale

For sale — Hermes 3000 manual, portable typewriter. Barely used. Many features. \$150. 435-6488.
For sale — Sealy Posturepedic 5/0 Citation Queen Size mattress, box spring and Sealy folding frame. Perfect condition. Offers. Telephone evenings. 436-0408.
1976 Triumph Spitfire, immaculate condition. Best offer. Phone Peter. 433-6810, 432-2370 days.
For sale — Ikea coffee and end tables, Skogmo style, brown. 439-5343 evenings.
1980 - 18 foot holiday trailer, like new, best offer. 438-3959.

Services

Donnic Word Processing. Specializing in theses, etc. 8315A-105 St. 432-1419.
Singing teacher, Eileen Turner 439-4661.
General Carpentry Work — Renovations. 434-9709 evenings.
Piano, theory lessons. Western Board. Robert Garipey 433-7238.
Fast, accurate typing. Call Cathy 463-3052.
Personal Growth — opportunity for women to participate in a personal growth research project. Contact Bruce Hutchison, University Hospital, 432-6903 days, 487-4701 evenings.
Antiques evaluated for insurance, family division, dispensal, moving, estate liquidation. For sale, books, silverware, ivory and curios. Mary Goulden Antiques L.A.P.A.D.A. 10437-142 Street.
Babysitter needed weekdays starting 2 September for 5 to 8 hours for a one year old child. Lansdowne. 434-8178.
Sailing — Learn to cruise the Gulf Islands, Yacht Charters, exclusive C & C Yacht Dealers. Alberta Yachts, 426-4372.